

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DKT. NO.	APPLICATION NO.
				511.33114CC6	TBD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use several sheets if necessary)</small>				APPLICANT	
				HAGIWARA, et al.	
				FILING DATE	EXPECTED GROUP
				November 17, 2003	1752

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
J	AA 4,243,743	1-6-81	Hiramoto, et al.			
J	AB 5,238,784	8-93	Tokoh, et al.	430	196	
	AC 4,608,333	8-86	Ohbayashi, et al.	430	906	
	AD 4,565,767	1-86	Kataoka, et al.	430	196	
	AE 4,451,551	5-84	Kataoka, et al.	430	197	
	AF 4,587,197	5-86	Kojima, et al.	430	196	
↓	AG 4,783,391	11-88	Ohbayashi, et al.	430	196	
AH						
AI						
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
J	AM 3-36861	6-3-91	Japan				
J	AN 718696A2	6-26-96	Europe				
J	AO 418870A2	3-27-91	Europe				
J	AP 624826A1	11-17-94	Europe				
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J	AU	The Society of Polymer Science, Japan, Polymer Preprints, Japan. Vol. 41, No. 1 (1992).
J	AV	The Society of Polymer Science, Japan, Polymer Preprints, Japan. Vol. 42, No. 7 (1993).
↓	AW	The Society of Polymer Science, Japan, Polymer Preprints, Japan. Vol. 42, No. 2 (1993).
	AX	
	AY	
	AZ	

Examiner	Date Considered
J-Che	7/2006